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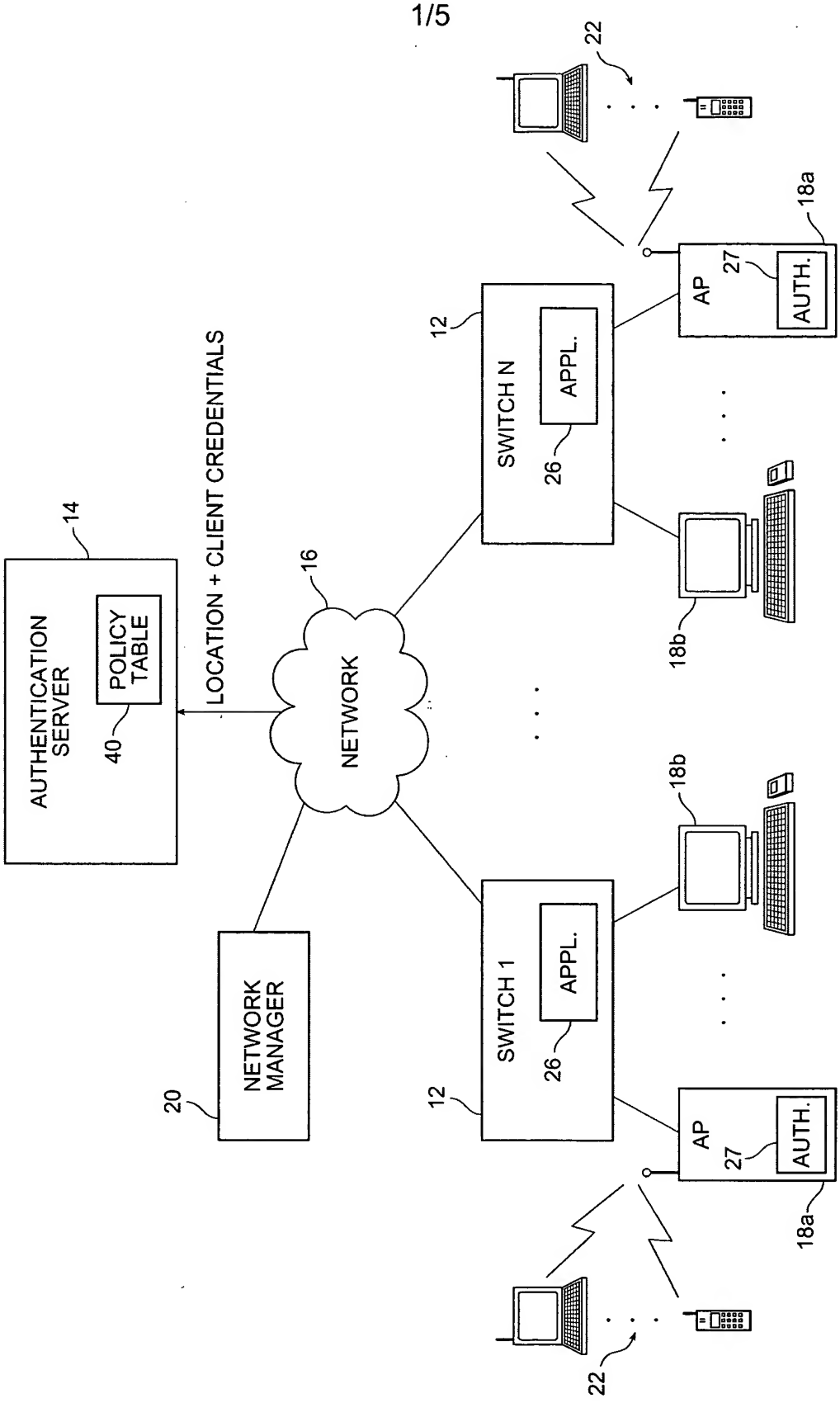
AUTHENTICATION SERVER
POLICY TABLE
40
14
LOCATION + CLIENT CREDENTIALS
NETWORK
16
NETWORK MANAGER
20
SWITCH N
APPL.
26
12
SWITCH 1
APPL.
26
12
AP
27
AUTH.
18a
18b
22

FIG. 1

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USER ID	PERMITTED LOCATIONS
USER 1	LOC1, LOC3, LOC5 — LOC7
USER 2	LOC2, LOC9
USER 3	LOC1 — LOC9
. . .	
USER N	LOC7, LOC9

FIG. 2

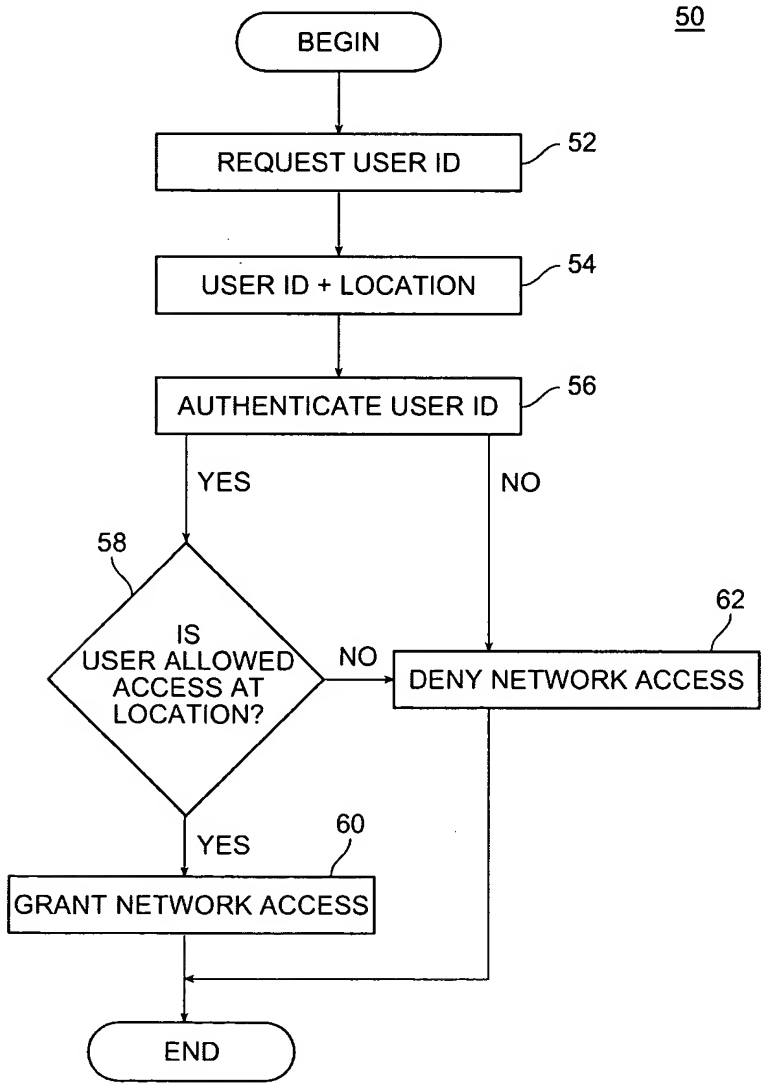

FIG. 3

```
##################################################################
# VSA Dictionary
##################################################################
# Use the Radius specification attributes
#
@radius.dct

#
# Extreme Networks Vendor Specific Attributes below:
#

MACRO   Extreme-VSA(t,s)  26  [vid=1916 type1=%t% len1=+2 data=%s%]


ATTRIBUTE         Extreme-CLI-Authorization     Extreme-VSA(201, integer) Cr
VALUE             Extreme-CLI-Authorization     Disable   0
VALUE             Extreme-CLI-Authorization     Enable    1

ATTRIBUTE         Extreme-Netlogin-Only         Extreme-VSA(206, integer) Cr
VALUE             Extreme-Netlogin-Only         Disable   0
VALUE             Extreme-Netlogin-Only         Enable    1

ATTRIBUTE         Extreme-Shell-Command         Extreme-VSA(202, string) Cr

ATTRIBUTE         Extreme-Netlogin-Vlan         Extreme-VSA(203, string) Cr

ATTRIBUTE         Extreme-Netlogin-Url          Extreme-VSA(204, string) Cr

ATTRIBUTE         Extreme-Netlogin-Url-Desc     Extreme-VSA(205, string) Cr

ATTRIBUTE         Extreme-Netlogin-Only         Extreme-VSA(206, integer) Cr

ATTRIBUTE   Extreme-Netlogin-Dot1P-Tag    Extreme-VSA(207, integer) Cr

ATTRIBUTE   Extreme-User-Location         Extreme-VSA(208, string) Cr

ATTRIBUTE   Extreme-Netlogin-VLAN-Tag     Extreme-VSA(209, integer) Cr

##################################################################
# VSA Dictionary
##################################################################
```

FIG. 4

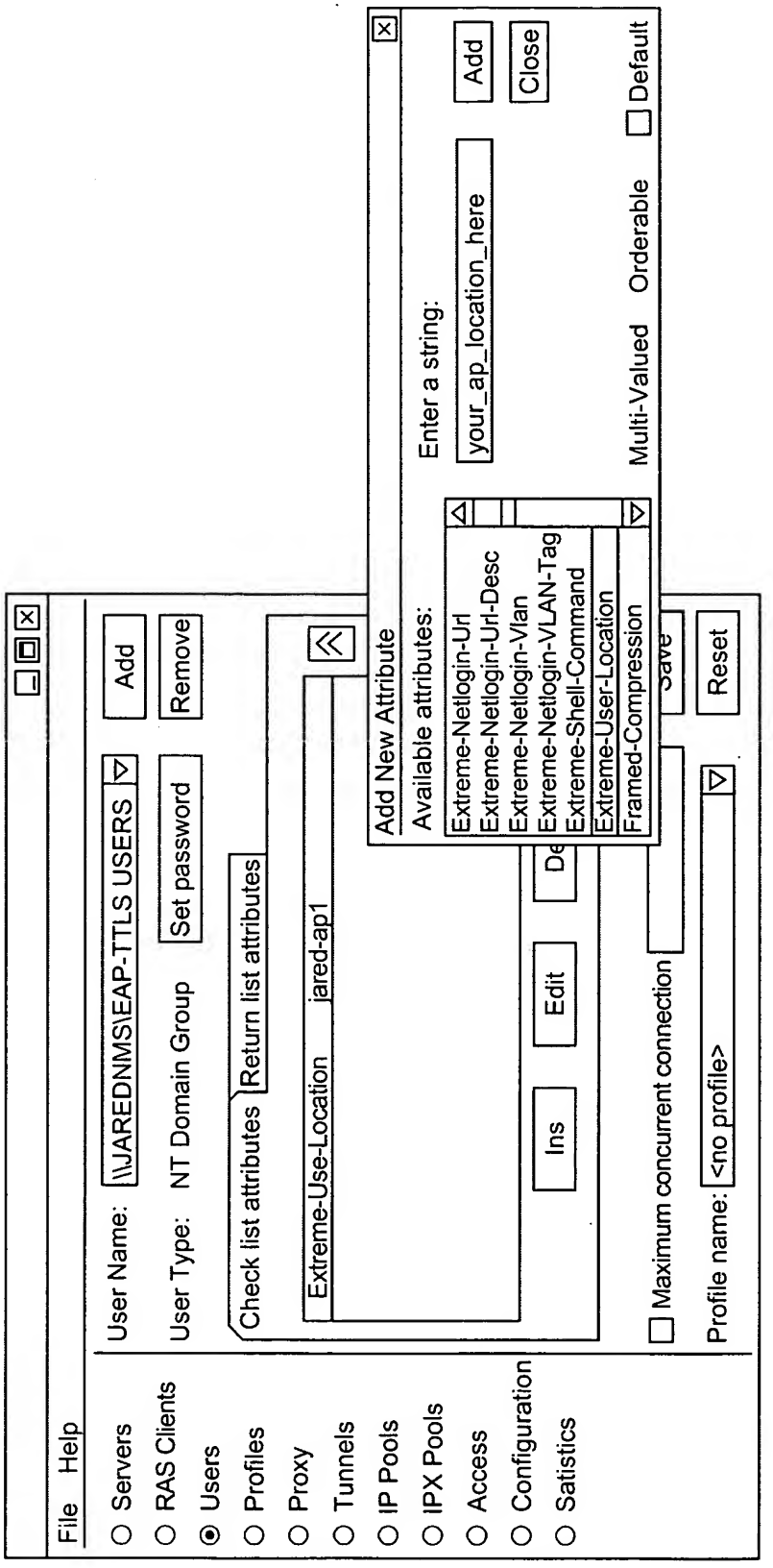
File Help
Servers
RAS Clients
Users
Profiles
Proxy
Tunnels
IP Pools
IPX Pools
Access
Configuration
Satistics
User Name:
\\JAREDNMS\EAP-TTLS USERS
Add
Remove
User Type: NT Domain Group
Set password
Check list attributes
Return list attributes
Extreme-Use-Location jared-ap1
Ins
Edit
Maximum concurrent connection
Profile name: <no profile>
Reset
Add New Attribute
Available attributes:
Extreme-Netlogin-Url
Extreme-Netlogin-Url-Desc
Extreme-Netlogin-Vlan
Extreme-Netlogin-VLAN-Tag
Extreme-Shell-Command
Extreme-User-Location
Framed-Compression
Enter a string:
your_ap_location_here
Add
Close
Multi-Valued
Orderable
Default

FIG. 5

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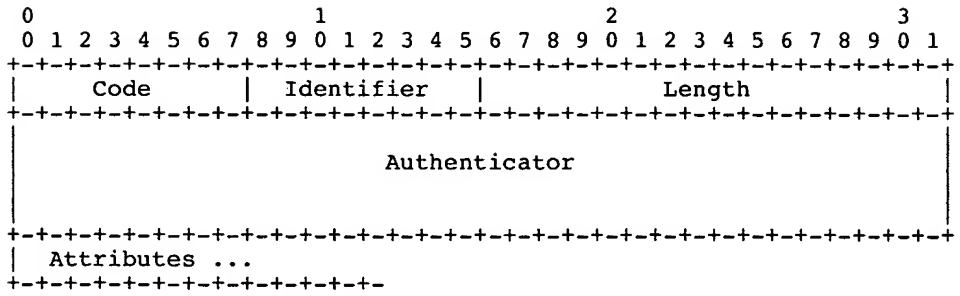

FIG. 6A

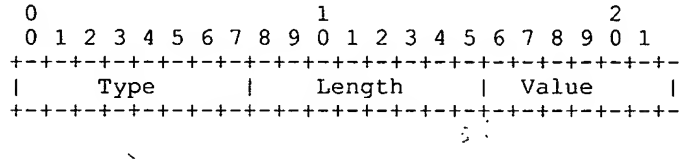

FIG. 6B

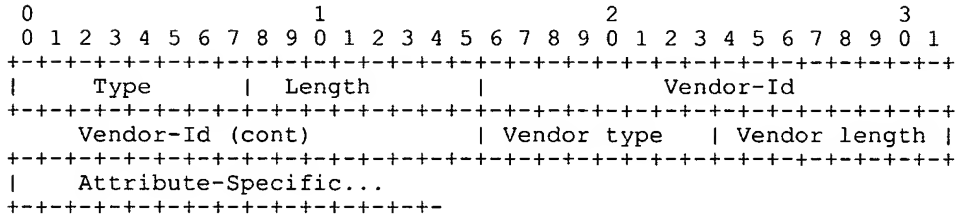

FIG. 6C